

LICENSE CODES/K-12 COURSES

July 1, 2008

EARLY CHILDHOOD EDUCATION

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50037	Early Childhood	m/m/e	B-3	00095	PK	Prekindgarten
				00096	K	Kindergarten
				50021	1-3	Art
				50051	1-3	Language Arts
				50053	1-3	Reading
				50081	1-3	Physical Education
				50083	1-3	Health
				50111	1-3	Mathematics
				50121	1-3	General Music
				50131	1-3	Science
				50151	1-3	Social Studies
				50153	1-3	ND Studies
				50231	1-3	Computer Literacy

KINDERGARTEN EDUCATION (Endorsement)

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50030	Kindergarten	Elementary	End.	00096	K	Kindergarten
				00095	PD	Preschool

ELEMENTARY EDUCATION

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50015	Elementary Education	K-6				
		1-6				
		K-8				
		1-8	Major/eq			
			minor/eq	50021	1-3	Art
				50022	4-6	Art
				50025	7-8	Art*
				50051	1-3	Language Arts
				50052	4-6	Language Arts
				50053	1-3	Reading
				50054	4-6	Reading
				50056	7-8	Language Arts*
				50057	7-8	Reading*
				50081	1-3	Physical Education
				50082	4-6	Physical Education
				50083	1-3	Health
				50084	4-6	Health
				50085	7-8	Health*
				50086	7-8	Physical Education *
				50111	1-3	Mathematics
				50112	4-6	Mathematics
				50115	7-8	Mathematics*
				50121	1-3	General Classroom Music

50122	4-6	General Classroom Music
50125	7-8	General Classroom Music*
50131	1-3	Science
50132	4-6	Science
50136	7-8	Life Science*
50138	7-8	Earth Science*
50151	1-3	Social Studies
50152	4-6	Social Studies
50153	1-3	ND Studies
50154	4-6	ND Studies
50156	7-8	ND Studies*
50157	7-8	Geography*
50158	7-8	US History*
50231	1-3	Computer Literacy
50232	4-6	Computer Literacy
50235	7-8	Computer Literacy*

* Grade 7-8 subjects only if school is classified as an Elementary School

Middle School: PEDAGOGICAL ENDORSEMENT (Elementary)

If you are an elementary 1-6 licensed teacher, you need this endorsement for pedagogy preparation to teach in grades 7-8.

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50017	Middle School	1-6	Endorsement	50025	7-8	Art
				50056	7-8	Language Arts
				50057	7-8	Reading
				50085	7-8	Health

50086	7-8	Physical Education
50115	7-8	Mathematics
50125	7-8	General Classroom Music
50136	7-8	Life Science
50138	7-8	Earth Science
50156	7-8	ND Studies
50157	7-8	Geography
50158	7-8	US History
50235	7-8	Computer Literacy

Middle School: PEDAGOGICAL ENDORSEMENT (Secondary)

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50517	Middle School	7-12	Endorsement		5-6	If you are an secondary 7-12 licensed teacher, you need this endorsement for pedagogy preparation to teach in grades 5-6.

Middle School: ENGLISH MAJOR EQUIVALENCY

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50117	MS English Maj Eq	5-8	MS English	05203	5-6	Reading
				05204	5-6	Language Arts

05006	7-8	Language Arts
05007	7-8	Reading

Middle School: SOCIAL STUDIES

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50217	Elementary Ed	5-8				
			MS Maj. Eq	15204	5-6	Social Studies
				15006	7-8	North Dakota Studies
				15007	7-8	Geography
				15008	7-8	U.S. History
		7-8		15006	7-8	North Dakota Studies
				15007	7-8	Geography
				15008	7-8	U.S. History

Middle School: MATHEMATICS

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50317	Elementary Ed	5-8	MS Math			
			Major EQ	11204	5-6	Mathematics
				11005	7-8	Mathematics
				11008	7-8	Prealgebra
				11009	7-8	Algebra

Middle School: SCIENCE

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50417	Elementary Ed	5-8	MS Science Eq	13204	5-6	Science
				13205	5-6	Health
				13006	7-8	Life Science
				13008	7-8	Earth Science
				13009	7-8	Health
50417		7-8		13006	7-8	Life Science
				13008	7-8	Earth Science
				13009	7-8	Health

AGRICULTURE EDUCATION

<u>Lic.</u>	<u>License Descrip.</u>	<u>Prep Level</u>	<u>Prep.</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
01005	Agriculture Education	7-12 9-12	m/m/e	01005	7-8	Exploring Agriculture
				01006	7-8	Natural/Environmental Resources
				01011	9-12	Introduction to Agriculture
				01012	9-12	Foundations of Agriculture
				01021	9-12	Agriscience Technology I*
				01022	9-12	Agriscience Technology II*
				01023	9-12	Agriscience Technology III*
				01025	9-12	Agriscience Technology IV*
				01034	10-12	Agriculture Sales and Service
				01035	10-12	Agricultural Business Management

01043	9-12	Agricultural Mechanics Technology I
01044	9-12	Agricultural Mechanics Technology II
01045	9-12	Agricultural Mechanics Technology III
01046	9-12	Agricultural Mechanics Technology IV
01053	9-12	Botany/Horticultural Science I*
01054	9-12	Botany/Horticultural Science II*
01063	9-12	Natural/Environmental Resources
01068	10-12	Agricultural Processing
01069	10-12	World Agricultural Science and Technology*
01073	10-12	Agriculture III
01074	10-12	Agriculture IV
01990	9-12	Individual Agricultural Studies
01993	9-12	Community Development
01995	9-12	Supervised Agricultural Experience Program
01999	11-12	Cooperative Work Experience

*Cannot be used as science credit, if taught by agricultural major.

ART EDUCATION

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level.</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
02005	Art	K-12				
		7-12				
		1-12				
		9-12				
			Major/eq	02001	PK-6	Art
				02005	7-8	Art
				02011	9-12	Art History
				02020	9-12	Art
				02021	9-12	Art, Fundamentals of

				02022	9-12	Color and Design
				02024	9-12	Crafts
				02025	9-12	Drawing
				02026	9-12	Painting
				02028	9-12	Printmaking
				02029	9-12	Sculpture
				02050	9-12	Commercial Art
				02060	9-12	Photography
				02580	10-12	AP Art History©
				02581	10-12	AP Studio Art©
				02582	10-12	AP Studio Art 2-D Design Portfolio©
				02583	10-12	AP Studio Art 3-D Design Portfolio©
02005	Art	5-8 K-8 1-8	Maj/eq Minor/eq	02005	7-8	Art
02005	Art	1-6 1-8 5-8 K-6 K-8	Maj/eq Minor/eq	02001	K-6	Art

BUSINESS EDUCATION

<u>Lic Code</u>	<u>License Description</u>	<u>Prep. Level</u>	<u>Prep.</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
03020	Business Ed/General Business	7-12	m/m/e			
03025	Business-Vocational Education	7-12	m/m/e			

K-12	m/m/e		
9-12	m/m/e		
		03001	PK-6 Keyboarding
		03002	PK-6 Computer Literacy
		03005	7-8 Computers and Keyboarding I
		03006	7-8 Computers and Keyboarding II
		03007	7-8 Personal Finance
		03008	7-8 Computer Applications
		03009	7-8 Business Ownership and Careers
		14010	10-12 Accounting I
		14011	10-12 Accounting II
		14012	11-12 Accounting III
		14013	11-12 Accounting IV
		14022	9-12 Web Design
		14024	9-12 Computer Applications
		14025	9-12 Spreadsheets
		14026	9-12 Database
		14028	10-12 Telecommunications
		14029	9-12 Electronic Presentations
		14050	9-12 Business Mathematics*
		14060	10-12 Business Communications*
		14079	10-12 Business Technology and Procedures I
		14080	10-12 Business Technology and Procedures II
		14090	10-12 Personal and Business Law
		14094	9-12 Keyboarding
		14095	9-12 Consumer Education
		14096	9-12 Word Processing
		14098	9-12 Desktop Publishing
		14111	9-12 Entrepreneurship
		14230	9-12 Introduction to Business
		14340	9-12 Abbreviated Writg and Per Notetaking

				14999	11-12	Cooperative Work Experience
03020	Business Ed/General Business	5-8	m/m/e			
03025	Business-Vocational Education	K-8	m/m/e			
		1-8	m/m/e			
				03001	PK-6	Keyboarding
				03002	PK-6	Computer Literacy
				03005	7-8	Computers and Keyboarding I
				03006	7-8	Computers and Keyboarding II
				03007	7-8	Personal Finance
				03008	7-8	Computer Applications
				03009	7-8	Business Ownership and Careers
03020	Business Ed/General Business	1-6	m/m/e			
03025	Business-Vocational Education	1-8				
		K-8				
		K-6				
				03001	PK-6	Keyboarding
				03002	PK-6	Computer Literacy

*Cannot be used as Math/English credit if taught by someone not highly qualified.

COMPUTER SCIENCE EDUCATION

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
23000	Computer Science	7-12				
		9-12	m/m/e	23001	PK-6	Computer Literacy
				23002	PK-6	Keyboarding
				23005	7-8	Computers and Keyboarding I

23006	7-8	Computers and Keyboarding II
23011	9-12	Computer Applications
23012	9-12	Computer Programming
23015	9-12	Computer Programming, Advanced
23580	10-12	AP Computer Science©
23581	10-12	AP Computer Science AB©

DRIVER'S EDUCATION

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
21005	Driver Education	7-12				
		9-12	Minor.	21014	9-12	Two-Phase Program: Classroom and Behind the Wheel
				21015	9-12	Three-Phase Program: Classroom, Behind the Wheel and Simulation
				21016	9-12	Three-Phase Program: Classroom, Behind the Wheel and Multi-car driving range
				21018	9-12	Four-Phase Program: Classroom, Behind the Wheel, Simulator, and Multi-car driving range

ENGLISH EDUCATION

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
05020	English (Composite)	7-12				
		9-12	Major/eq	05006	7-8	Language Arts
				05007	7-8	Reading
				05011	9-12	Developmental Reading

05022	9-12	Grammar
05024	11-12	History of the English Language
05031	10-12	American Literature
05033	10-12	Modern Literature
05034	10-12	English Literature
05035	10-12	World Literature
05036	10-12	Biography
05038	10-12	Poetry
05039	9-12	Fiction
05040	9-12	Composition
05041	10-12	Advanced Composition
05042	10-12	Creative Writing

05071	9-12	English 9
05072	10-12	English 10
05073	11-12	English 11
05074	11-12	English 12

05076	11-12	Business English
05077	12	Advanced English
05111	9-12	Applied Communication

05580	10-12	AP English Language & Compositions©
05581	10-12	AP English Literature & Compositions©

Minor:

05020	7-8	Minor	05006	7-8	Language Arts
	7-12		05007	7-8	Reading

05020	English (Composite)	1-8	Major/eq	05203	5-6	Reading
				05006	7-8	Language Arts
				05007	7-8	Reading
<u>Additional 6 SH in Drama:</u>						
05015	Drama	7-12	M/m/e	05037	9-12	Drama (Literature)
				05061	9-12	Theatre Arts
				05063	9-12	Advanced Theatre Arts
<u>Additional 6 SH in Journalism:</u>						
05025	Journalism	7-12	m/m/e	05081	9-12	Journalism
		9-12		05082	10-12	Advanced Journalism
<u>Additional 6 SH in Speech:</u>						
05045	Speech	7-12	m/m/e	05091	9-12	Speech Basic Oral Communication I
		9-12		05092	10-12	Speech Advanced Oral Communication II
				05093	10-12	Oral Interpretation
				05094	9-12	Beginning Debate
				05095	10-12	Advanced Debate
				05098	11-12	Semantics
				05099	9-12	Mass Media
<u>Middle School English Major Eq.</u>						
50117		5-8	M/m/e	05204	5-6	Language Arts
			Minor/eq	05006	7-8	Language Arts
				05203	5-6	Reading
				05007	7-8	Reading

English: READING EDUCATION

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
05007	Reading	1-8	Major	05203	5-6	Reading
		K-8		05003	1-6	Reading

05007	Reading	1-6 K-6	Major	05007	7-8	Reading
				05003	1-6	Reading
05007	Reading	7-12	Major	05011	9-12	Developmental Reading
		K-12 1-12	Major	05003	1-6	Reading
				05007	7-8	Reading
				05011	9-12	Developmental Reading
05007	Reading	9-12	Major	05011	9-12	Developmental Reading

English: DRAMA

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>K-12 Course #</u>	<u>Level</u>	<u>Course Description</u>
05015	Drama	7-12	M/m/e			
		9-12	M/m/e	05037	9-12	Drama (Literature)
				05061	9-12	Theatre Arts
				05063	9-12	Advanced Theatre Arts

English: JOURNALISM

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
05025	Journalism	7-12				
		9-12	M/m/e	05081	9-12	Journalism
				05082	10-12	Advanced Journalism

English: SPEECH

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
05045	Speech	7-12	m/m/e			
		9-12	m/m/e			
			m/m/e	05091	9-12	Speech Basic Oral Communication I
				05092	10-12	Speech Advanced Oral Communication II
				05093	10-12	Oral Interpretation
				05094	9-12	Beginning Debate
				05095	10-12	Advanced Debate
				05098	11-12	Semantics
				05099	9-12	Mass Media

English: ENGLISH LANGUAGE LEARNER

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>K-12 Course #</u>	<u>Level</u>	<u>Course Description</u>
24000	ELL	K-12				
		1-6				
		1-8				
		5-8				
		7-12	m/m/e	24001	PK-6	English as a Second Language
				24005	7-8	English as a Second Language
				24010	9-12	English as a Second Language

English: BILINGUAL LANGUAGE

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>K-12 Course #</u>	<u>Level</u>	<u>Course Description</u>
24500	Bilingual Language	K-12				
			End.	24501	PK-6	Bilingual Education
				24505	7-8	Bilingual Education
				24510	9-12	Bilingual Education

FAMILY CONSUMER SCIENCE EDUCATION

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
09025	Home Ec	7-12 9-12	m/m/e			
09035	Voc Home Economics	7-12 9-12	m/m/e			
09040	Family Consumer Science	7-12 9-12	m/m/e	09005	7-8	Health
				09006	7-8	Family and Consumer Sciences
				09022	9-12	Family and Consumer Sciences I
				09023	10-12	Family and Consumer Sciences II
				09024	11-12	Family and Consumer Sciences III
				09025	9-12	Independent Living
				09026	9-12	Child Development
				09027	9-12	Clothing and Textiles
				09028	10-12	Consumer and Resource Management
				09129	9-12	Individual and Family Health
				09130	9-12	Parenting
				09131	9-12	Nutrition and Foods
				09132	9-12	Family Living
				09133	10-12	Housing and Living Environments
				09140	9-12	Individual Family & Consumer Sci Studies
				09211	10-12	Early Childhood Care and Education Serv
				09212	11-12	Clothing and Textile Services
				09213	10-12	Food Service/Culinary Arts
				09250	10-12	Occupational Exploration

Middle School Family & <u>Consumer Science Endorsement</u> 50090			09299	11-12	Cooperative Work Experience
	5-8	M/m/e	09204	5-6	Family and Consumer Sciences
			09205	5-6	Health

Foreign Language: FRENCH

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
06010	French	K-12				
		1-12				
		9-12				
		7-12	Major/eq	06103	PK-6	French
				06003	7-8	French
				06281	9-12	French-Level I
				06282	9-12	French-Level II
				06283	9-12	French-Level III
				06284	9-12	French-Level IV
				06285	9-12	French-Level V
				06580	10-12	AP French Languages©
				06581	10-12	AP French Literature©
		1-8				
		K-8				
		5-8	Minor/eq	06103	PK-6	French
				06003	7-8	French
		1-6				
		K-6	Minor/eq	06103	PK-6	French
		7-12	Minor/eq	06003	7-8	French
				06103	PK-6	French

Foreign Language: GERMAN

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>K-12 Course #</u>	<u>Level</u>	<u>Course Description</u>
06015	German	K-12				
		1-12				
		7-12				
		9-12	Major/eq	06104	PK-6	German
				06004	7-8	German
				06291	9-12	German-Level I
				06292	9-12	German-Level II
				06293	9-12	German-Level III
				06294	9-12	German-Level IV
				06295	9-12	German-Level V
				06586	10-12	AP German Language©
		K-8				
		5-8				
		1-8	Minor/eq	06104	PK-6	German
				06004	7-8	German
		K-6				
		1-6	Minor/eq	06104	PK-6	German
		7-12	Minor/eq	06104	PK-6	German
				06004	7-8	German

Foreign Language: GREEK

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>K-12 Course #</u>	<u>Level</u>	<u>Course Description</u>
06020	Greek	K-12				
		7-12				

9-12	Major/eq	06221	9-12	Greek-Level I
		06222	9-12	Greek-Level II

Foreign Language: LATIN

Lic Code	License Description	Prep Level	Degree	K-12 Course #	Level	Course Description
06025	Latin	K-12				
		7-12				
		9-12	Major/eq	06106	5-6	Latin
				06006	7-8	Latin
				06151	9-12	Latin-Level I
				06152	9-12	Latin-Level II
				06153	9-12	Latin-Level III
				06154	9-12	Latin-Level IV
				06582	10-12	AP Latin Literature©
				06583	10-12	AP Latin : Vergil©
06025	Latin	9-12	Major/eq	06106	5-6	Latin
				06006	7-8	Latin
				06151	9-12	Latin-Level I
				06152	9-12	Latin-Level II
				06153	9-12	Latin-Level III
				06154	9-12	Latin-Level IV
				06582	10-12	AP Latin Literature©
				06583	10-12	AP Latin : Vergil©
				06025	Latin	K-8
1-8	Major/eq	06106	5-6			Latin
06025		Latin	7-12		06006	7-8
	minor/eq		06106	5-6	Latin	
				06006	7-8	Latin

Foreign Language: SPANISH

Lic Code	License Description	Prep Level	Degree	K-12 Course #	Level	Course Description
06035	Spanish	K-12				
		1-12				
		7-12				
		9-12	Major/eq	06107	PK-6	Spanish
				06007	7-8	Spanish
				06211	9-12	Spanish-Level I
				06212	9-12	Spanish-Level II
				06213	9-12	Spanish-Level III
				06214	9-12	Spanish-Level IV
				06215	9-12	Spanish-Level V
				06584	10-12	AP Spanish Language©
				06585	10-12	AP Spanish Literature©
		1-8				
		K-8				
		7-8				
		7-12	Minor/eq	06107	PK-6	Spanish
				06007	7-8	Spanish
		1-6				
		K-6	Minor/eq	06107	PK-6	Spanish
		7-12	Minor/eq	06107	PK-6	Spanish
				06007	7-8	Spanish

HEALTH EDUCATION

Lic Code	License Description	Prep Level	Degree	Course #	Level	Course Description
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18015	Health	7-12					
		9-12					
		K-12	M/m/e	18005	7-8	Health	
				18010	9-12	Health	
				18015	10-12	Family Living	
				18051	9-12	Physiology	
				18052	10-12	Human Anatomy*	
*Must be taught by science teacher for science credit.							

18015	Health	7-12					
		9-12	M/m/e	18010	9-12	Health	
				18005	7-8	Health	
				18010	9-12	Health	
				18015	10-12	Family Living	
				18051	9-12	Physiology	
				18052	10-12	Human Anatomy*	
*Must be taught by science teacher for science credit.							

Middle School Health Endorsement							
50180		5-8	end.	18205	5-6	Health	
				18005	7-8	Health	

MARKETING EDUCATION

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
04005	Distributive Education	7-12	m/m/e			
		9-12				
04006	Vocational Marketing Education	7-12	m/m/e			
		9-12	m/m/e	04080	9-12	Intro to Marketing Ed

04110	9-10	Intro to Entrepreneurial Careers
04111	10-12	Entrepreneurship
04210	10-12	Marketing I
04215	10-12	Marketing II
04223	11-12	Marketing III
04233	11-12	Marketing IV
04240	9-12	Sports and Entertainment Marketing
04290	10-12	School Based Enterprise
04310	11-12	Vocational Marketing Education (International Marketing)
04999	11-12	Cooperative Work Experience

MATHEMATICS EDUCATION

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
11010	Mathematics	7-12	Major/eq			
		9-12		11005	7-8	Mathematics
				11008	7-8	Prealgebra
				11009	7-8	Algebra
				11030	9-12	Prealgebra
				11031	9-12	Algebra
				11032	9-12	Advanced Algebra
				11034	11-12	College Algebra
				11061	11-12	Calculus
				11111	9-12	General Mathematics I
				11120	9-12	Geometry
				11121	10-12	Analytic Geometry
				11124	10-12	Solid Geometry
				11145	9-12	Consumer Mathematics
				11150	11-12	Probability and Statistics

				11160	10-12	Trigonometry
				11181	10-12	Advanced Mathematics
				11190	9-12	Applied Mathematics
				11580	10-12	AP Statistics©
				11581	10-12	AP Calculus AB©
				11582	10-12	AP Calculus BC©
Middle School Math Major Equivalency						
50317		5-8				
		1-8	m/m/e	11204	5-6	Mathematics
				11005	7-8	Mathematics
				11008	7-8	Prealgebra
				11009	7-8	Algebra

Music: COMPOSITE

Lic Code	License Description	Prep Level	Preparation	Course #	Level	Course Description
12010	Music	K-12				
		1-12				
		9-12				
		7-12	Major/eq	12001	PK-6	General Classroom Music
				12002	3-6	Instrumental Music
				12003	PK-6	Supervised Instrumental Lessons
				12004	3-6	Vocal Music
				12005	7-8	General Classroom Music
				12006	7-8	Instrumental Music
				12007	7-8	Vocal Music
				12008	7-8	Supervised Instrumental Lessons
				12020	9-12	History and Appreciation
				12030	9-12	Music Theory

				12040	9-12	Vocal Music (Chorus)
				12048	9-12	Voice Lessons
				12051	9-12	Instrumental Music (Band)
				12052	9-12	Instrumental Music (Orchestra)
				12057	9-12	Strings
				12058	9-12	Instrument Classes
				12039	9-12	Supervised Individual Study: Musicology
				12049	9-12	Supervised Individual Study: Vocal Music
				12059	9-12	Supervised Ind. Study: Instrumental Music
				12580	10-12	AP Music Theory©
12010	Music	1-8				
		K-8	Major/eq			
		7-12	Minor/eq			
		5-8		12001	PK-6	General Classroom Music
				12002	3-6	Instrumental Music
				12003	PK-6	Supervised Instrumental Lessons
				12004	3-6	Vocal Music
				12005	7-8	General Classroom Music
				12006	7-8	Instrumental Music
				12007	7-8	Vocal Music
				12008	7-8	Supervised Instrumental Lessons
12010	Music	1-8				
		K-8				
		1-6				
		K-6	m/m/e	12001	PK-6	General Classroom Music
				12002	3-6	Instrumental Music
				12003	PK-6	Supervised Instrumental Lessons
				12004	3-6	Vocal Music

Music: INSTRUMENTAL

Lic Code	License Description	Prep Level	Preparation	Course #	Level	Course Description
12005	Music	K-12				
		1-12				
		7-12				
		9-12	Major/eq	12001	PK-6	General Classroom Music
				12002	3-6	Instrumental Music
				12003	PK-6	Supervised Instrumental Lessons
				12005	7-8	General Classroom Music
				12006	7-8	Instrumental Music
				12008	7-8	Supervised Instrumental Lessons
				12020	9-12	History and Appreciation
				12030	9-12	Music Theory
				12051	9-12	Instrumental Music (Band)
				12052	9-12	Instrumental Music (Orchestra)
				12057	9-12	Strings
				12058	9-12	Instrument Classes
				12039	9-12	Supervised Individual Study: Musicology
				12059	9-12	Supervised Ind. Study: Instrumental Music
				12580	10-12	AP Music Theory©
12005	Music	1-8	Major/eq			
		K-8	Minor/eq			
		7-12	Minor/eq	12001	PK-6	General Classroom Music
				12002	3-6	Instrumental Music
				12003	PK-6	Supervised Instrumental Lessons
				12005	7-8	General Classroom Music
				12006	7-8	Instrumental Music
12005	Music	1-6	Major/eq	12008	7-8	Supervised Instrumental Lessons

K-6	Minor/eq	12001	PK-6	General Classroom Music
		12002	3-6	Instrumental Music
		12003	PK-6	Supervised Instrumental Lessons
5-8	Minor/eq	12005	7-8	General Classroom Music
		12006	7-8	Instrumental Music
		12008	7-8	Supervised Instrumental Lessons

Music: VOCAL

Lic Code	License Description	Prep Level	Preparation	Course #	Level	Course Description
12015	Vocal Music	K-12				
		1-12				
		7-12				
		9-12	Major/eq	12001	PK-6	General Classroom Music
				12004	3-6	Vocal Music
				12005	7-8	General Classroom Music
				12007	7-8	Vocal Music
				12020	9-12	History and Appreciation
				12030	9-12	Music Theory
				12040	9-12	Vocal Music (Chorus)
				12048	9-12	Voice Lessons
				12039	9-12	Supervised Individual Study: Musicology
				12049	9-12	Supervised Individual Study: Vocal Music
				12580	10-12	AP Music Theory©
12015	Vocal Music	1-8				
		K-8				
		7-12	Minor/eq	12001	PK-6	General Classroom Music
				12004	3-6	Vocal Music
				12005	7-8	General Classroom Music

12015	Vocal Music	1-6	Minor/eq	12007	7-8	Vocal Music
		K-6		12001	PK-6	General Classroom Music
				12004	3-6	Vocal Music

PHYSICAL EDUCATION

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
08020	Health, Physical Ed & Recreation	K-12	m/m/e			
		1-12				
		7-12				
		10-12				
08025	Physical Education	K-12	m/m/e			
		1-12				
		7-12				
		9-12				
08027	Health & Physical Education	K-12	m/m/e			
		1-12				
		7-12				
		9-12		08001	1-6	Health
				08002	PK-6	Physical Education
				08004	PK-6	Adaptive Physical Education
				08005	7-8	Health
				08006	7-8	Physical Education
				08007	7-8	Adaptive Physical Education
				08010	9-12	Health

08015	10-12	Family Living
08030	9-12	General Physical Education
08031	9-12	Adaptive Physical Education
08032	9-12	Swimming and Water Safety
08034	9-12	Dance
08036	9-12	Individual and Dual Sports
08038	9-12	Gymnastics
08051	9-12	Physiology*
08052	10-12	Human Anatomy*

*Must be a science major for science credit.

08020	Health, Physical Ed & Recreation	K-8 1-8	m/m/e	08001	1-6	Health
				08002	PK-6	Physical Education
				08004	PK-6	Adaptive Physical Education
				08004	PK-6	Adaptive Physical Education
				08007	7-8	Adaptive Physical Education
08025	Physical Education	K-8 1-8	m/m/e	08001	1-6	Health
				08002	PK-6	Physical Education
				08004	PK-6	Adaptive Physical Education
				08004	PK-6	Adaptive Physical Education
				08007	7-8	Adaptive Physical Education
08027	Health & Physical Education	K-8 1-8	m/m/e	08001	1-6	Health
				08002	PK-6	Physical Education
				08004	PK-6	Adaptive Physical Education

				08005	7-8	Health
				08006	7-8	Physical Education
				08007	7-8	Adaptive Physical Education
08020						
08025						
08025	Health, Physical Ed & Recreation	K-12	m/m/e	08001	1-6	Health
				08002	PK-6	Physical Education
				08004	PK-6	Adaptive Physical Education
				08005	7-8	Health
				08006	7-8	Physical Education
				08007	7-8	Adaptive Physical Education
08020	Health, Physical Ed & Recreation	K-6				
		1-6	m/m/e			
08025	Physical Education	K-6				
		1-6	m/m/e			
08027	Health & Physical Education	K-6				
		1-6	m/m/e	08001	1-6	Health
				08002	PK-6	Physical Education
				08004	PK-6	Adaptive Physical Education

Science: BIOLOGY

Lic Code	License Description	Prep Level	Preparation	Course #	Level	Course Description
13010	Biology	7-12				

9-12	Major/eq	13006	7-8	Life Science
		13009	7-8	Health
		13020	9-12	Biology
		13021	10-12	Human Anatomy
		13022	10-12	Physiology
		13023	9-12	Health
		13029	10-12	Advanced Biology
		13034	9-12	Applied Biology/Chemistry
		13110	9-12	Ecology
		13580	10-12	AP Biology©
7-8	Minor/eq	13006	7-8	Life Science
		13009	7-8	Health

Science: CHEMISTRY

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
13020	Chemistry	7-12				
		9-12	Major/eq	13031	9-12	Chemistry
				13032	10-12	Advanced Chemistry
				13034	9-12	Applied Biology/Chemistry
				13581	10-12	AP Chemistry©

Science: COMPOSITE

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
13047	General Science/Composite Science	7-12				

Must hold a composite science degree and meet the semester hour requirements in the following areas: Biology/Life, Earth/Geology, Chemistry, Physics, and Physical Science.

Science: EARTH SCIENCE

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
13035	Earth Science	7-12				
		9-12	Major/eq	13008	7-8	Earth Science
				13061	9-12	Astronomy
				13062	9-12	Geology
				13063	9-12	Earth Science (Secondary)
				13064	9-12	Meteorology
				13074	9-12	Oceanography
				13088	9-12	Aerospace
				13582	10-12	AP Environmental Science©
		7-12	Minor/eq	13008	7-8	Earth Science

Science: PHYSICAL SCIENCE

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
13045	Physical Science	7-12				
		9-12	Major/eq	13030	9-12	Physical Science

Science: PHYSICS

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
13050	Physics	7-12				

9-12	Major/eq	13042	9-12	Physics
		13044	11-12	Applied Physics
		13045	10-12	Principles of Technology
		13583	10-12	AP Physics B©
		13584	10-12	AP Physics C©: Electricity & Magnetism
		13585	10-12	AP Physics C©: Mechanics

Social Studies: COMPOSITE

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
15035	Social Studies/Social Science	7-12				
		9-12	Major/eq	15006	7-8	North Dakota Studies
				15020	9-12	Area Studies
				15201	9-12	Problems of Democracy
				15251	9-12	Orientation to Social Science
				15401	9-12	ND Studies
50217		5-8	Mid Sch	15204	5-6	Social Studies

Must hold a composite social studies degree and meet the semester hour requirements in the following areas: geography, history, government/political science, and economics.

Social Studies: ECONOMICS

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
15010	Economics	7-12				
		9-12	Major/eq	15020	9-12	Area Studies
				15050	9-12	Consumer Education
				15060	9-12	Economics
				15069	9-12	Cooperative Marketing

15201	9-12	Problems of Democracy
22211	9-12	The Free Enterprise System
15580	10-12	AP Macroeconomics©
15581	10-12	AP Microeconomics©

Social Studies: GEOGRAPHY

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
15015	Geography	7-12				
		9-12	Major/eq	15006	7-8	North Dakota Studies
				15007	7-8	Geography
				15020	9-12	Area Studies
				15201	9-12	Problems of Democracy
				15070	9-12	Geography
				15401	9-12	North Dakota Studies
				15587	10-12	AP Human Geography©
15015	Geography	7-12	Minor/eq	15006	7-8	North Dakota Studies
				15007	7-8	Geography

Social Studies: GOVERNMENT

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
15007	Government	7-12				
		9-12	Major/eq	15006	7-8	North Dakota Studies
				15020	9-12	Area Studies
				15030	9-12	Citizenship
				15110	9-12	Political Science
				15111	9-12	American Government
				15114	9-12	International Relations
				15118	9-12	Law and Justice in North Dakota

15007		7-12	Minor/eq	15201	9-12	Problems of Democracy
				15251	9-12	Orientation to Social Science
				15401	9-12	North Dakota Studies
				15582	10-12	AP Comparative Government & Politics©
				15583	10-12	AP United States Government & Politics©
				15006	7-8	ND Studies

Social Studies: HISTORY

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
15020	History	7-12	Major/eq			
		9-12		15006	7-8	North Dakota Studies
				15008	7-8	History
				15010	9-12	Anthropology
				15020	9-12	Area Studies
				15201	9-12	Problems of Democracy
				15083	9-12	Women: Past and Present
				15085	9-12	U.S. History
				15089	9-12	World History
				15401	9-12	North Dakota Studies
				15584	10-12	AP European History©
				15585	10-12	AP US History©
				15586	10-12	AP World History©
15020	History	7-12	Minor/eq	15006	7-8	North Dakota Studies
				15008	7-8	History

Social Studies: PSYCHOLOGY

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
15030	Psychology	7-12				
		9-12	M/m/e	15120	9-12	Psychology
				15588	10-12	AP Psychology©

Social Studies: SOCIOLOGY

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
15040	Sociology	7-12				
		9-12	M/m/e	15130	9-12	Sociology
				15301	9-12	Marriage and the Family

MILITARY SCIENCE

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
15044	Military Science	7-12	m/m/e	15043	9-12	Aerospace
				15044	9-12	Junior Reserve Officers' Training Corps I (JROTC)

NATIVE AMERICAN STUDIES/LANGUAGE

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
15046	Native American Studies	K-12				
		1-12				
		9-12				
		7-12	m/m/e	06002	PK-6	Languages for Native Speakers
				06005	7-8	Languages for Native Speakers

				06811	9-12	Languages for Native Speakers Level I
				06812	9-12	Languages for Native Speakers Level II
				06813	9-12	Languages for Native Speakers Level III
				06814	9-12	Languages for Native Speakers Level IV
15046	Native American Studies	K-6 K-8 1-6 1-8	m/m/e	06002 06005	PK-6 7-8	Languages for Native Speakers Languages for Native Speakers
15046	Native American Studies	K-6 K-8 1-6 1-8	m/m/e	06002	PK-6	Languages for Native Speakers

TECHNOLOGY EDUCATION

Lic Code	License Description	Prep Level	Preparation	Course #	Level	Course Description
10005	Industrial Arts	7-12 9-12	m/m/e			
10007	Technology Education	7-12 9-12	m/m/e			
10010	Industrial Technology	7-12 9-12	m/m/e	10006 10007 10008 10105	7-8 7-8 7-8 7-8	Applying Technology Invention and Innovation Technological Systems Exploring Technology

			10305	7-8	Energy/Transportation Technology
			10091	11-12	Individual Technical Problems
			10093	9-12	Applying Technology
			10094	9-12	Foundations of Technology
			10095	9-12	Impacts of Technology
			10096	9-12	Technological Issues
			10110	9-12	Production Technology
			10111	9-12	Construction Technology
			10121	9-12	Manufacturing Technology
			10251	9-12	Communication Technology
			10259	9-12	Design/Drafting
			10331	9-12	Energy and Transportation Technology
			10338	9-12	ProBase Advanced Design Applications
			10339	9-12	ProBase Adv. Technological Applications
			10410	9-12	Engineering Technology
			10510	9-12	Invention and Innovation
			10515	9-12	Technological Systems
			10999	11-12	Cooperative Work Experience
<u>Middle School Technology Education Endorsement</u>					
10006		5-8	M/m/e	10204	5-6 Design, Technology, and Engineering
				10003	5-6 Technology Innovation
				10004	5-6 Design, Technology, and Engineering
<u>Project LEAD the WAY Endorsements</u>					
10511	Intro to Eng Design	7-12	Endorse	10511	9-12 Introduction to Engineering Design
10512	PLTW Digital Electronics	7-12	Endorse	10512	9-12 PLTW Digital Electronics

CTE: VOCATIONAL HEALTH CAREERS

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
07020	Sign Language	10-12	Maj/e	07021	10-12	Sign Language I
				07022	10-12	Sign Language II
				07023	11-12	Sign Language III
				07024	11-12	Sign Language IV
				07025	11-12	Sign Language Cooperative Education
07033	Health Careers	9-12	Maj/e	07032	9-12	Nurse Assistant
				07033	9-12	Health Careers I
				07034	9-12	Medical Professional Assistant
				07035	9-12	Advanced Health Careers
				07036	9-12	Medical Terminology
				07999	9-12	Health Education Supervised Occupational Experience
07040	Medical Records	9-12	Maj/e	07040	9-12	Medical Records
07045	Emergency Medical Services	9-12	Maj/e	07045	9-12	Emergency Medical Services

CTE: TRADE, INDUSTRY & TECHNICAL CAREERS

(Separate license for each course.)

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
17006	T & I	7-8	Maj/e	17006	7-8	Technical Studies
17015	T & I	9-12	Maj/e	17015	9-12	Technical Studies
17031	T & I	10-12	Maj/e	17030	10-12	Auto Collison Technology I
		10-12	Maj/e	17031	11-12	Auto Collison Technology II
17032	T & I	10-12	Maj/e	17032	10-12	Automotive Technology I
			Maj/e	17037	11-12	Automotive Technology II

	T & I	10-12	Maj/e	17038	10-12	Automotive General Service Technology I
	T & I	10-12	Maj/e	17039	11-12	Automotive General Service Technology II
17035	T & I	10-12	Maj/e	17035	10-12	Parts, Merchandising & Management
17040	T&I	10-12	Maj/e	17040	10-12	Diesel Technology
17050	T & I	10-12	Maj/e	17050	10-12	Culinary Arts I
	T & I	10-12	Maj/e	17051	11-12	Culinary Arts II
17073	T & I	10-12	Maj/e	17072	10-12	Commercial Art I
	T & I	10-12	Maj/e	17073	11-12	Commercial Art II
17080	T & I	10-12	Maj/e	17080	10-12	Photography
17100	T & I	10-12	Maj/e	17100	10-12	Construction Technology I
	T & I	10-12	Maj/e	17117	11-12	Construction Technology II
17110	T & I	10-12	Maj/e	17110	10-12	Facilities Maintenance I
	T & I	10-12	Maj/e	17118	11-12	Facilities Maintenance II
17112	T & I	10-12	Maj/e	17112	10-12	Heating, Ventilating, & Air Conditioning
17113	T & I	10-12	Maj/e	17113	10-12	Automated Manufacturing
17115	T & I	10-12	Maj/e	17115	10-12	Sheet Metal Technology
17120	T & I	10-12	Maj/e	17120	10-12	Residential Plumbing
17125	T & I	10-12	Maj/e	17125	10-12	Electrical Technology
17130	T & I	10-12	Maj/e	17130	10-12	Drafting Technology I
	T & I	10-12	Maj/e	17131	11-12	Drafting Technology II

17140	T & I	10-12	Maj/e	17140	10-12	Television Production
17150	T & I	10-12	Maj/e	17150	10-12	Electronic Technology I
	T & I	10-12	Maj/e	17151	11-12	Electronic Technology II
17190	T & I	10-12	Maj/e	17190	10-12	Graphic Communications I
	T & I	10-12	Maj/e	17191	11-12	Graphic Communications II
17230	T & I	10-12	Maj/e	17230	10-12	Machine Tooling Technology
17236	T & I	10-12	Maj/e	17236	10-12	Welding Technology I
	T & I	10-12	Maj/e	17237	11-12	Welding Technology II
17310	T & I	10-12	Maj/e	17310	10-12	Recreational Small Engine Technology I
	T & I	10-12	Maj/e	17311	11-12	Recreational Small Engine Technology II
17812	T & I	10-12	Maj/e	17812	10-12	Aviation Technology
17999	T & I	10-12	Maj/e	17999	10-12	Cooperative Work Exp

CTE: DIVERSIFIED OCCUPATIONS

Special Needs

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
25000	CTE Diversified Occupation	9-12	Endorsement	25010	9-12	Diversified Occupations I
				25020	9-12	Diversified Occupations II
				25999	11-12	Cooperative Work Experience

CTE: RESOURCE EDUCATOR

Special Needs

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
26000	CTE Vocational Resource Educator	7-12	Endorsement	26009	7-8	CTRE/SPECIAL NEEDS
				26010	9-12	CTRE/SPECIAL NEEDS
				26011	9-12	CTRE/SERVICE LEARNING

CTE: T & I Information Technology
(Separate endorsement for each course.)

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
27005	CTE Info. Tech.	7-12	Endorsement	27005	7-8	Introduction to Information Tech
27101				27101	9-12	Introduction to Information Tech
27008	CTE Comp. Software	7-12	Endorsement	27008	7-8	Computer Software Applications
27102				27102	9-12	Computer Software Applications
27122	CTE Programming Essentials-Visual Basics	9-12	Endorsement	27122	9-12	Programming Essentials-Visual Basics
27125	Fundamentals of JAVA Programming	9-12	Endorsement	27125	9-12	Fundamentals of JAVA Programming
27127	Advanced JAVA Programming	9-12	Endorsement	27127	9-12	Advanced JAVA Programming
27180	CIW Foundations	9-12	Endorsement	27180	9-12	CIW Foundations
27185	CIW Site Design	9-12	Endorsement	27185	9-12	CIW Site Design
27219	CTE Computer Hardware and Operating Systems (A+)	9-12	Endorsement	27219	9-12	CTE IT Essentials

27220	CTE IT Essentials 2	9-12	Endorsement	27220	9-12	CTE IT Essentials
27230	CTE Interactive Media	9-12	Endorsement	27230	10-12	Interactive Media (Obsolete)
27265	CTE Intro to Networking	9-12	Endorsement	27265	9-12	Intro to Networking
27266	CTE Cisco Discovery I	9-12	Endorsement	27266	9-12	Cisco Discovery I
27267	CTE Cisco Discovery II	9-12	Endorsement	27267	9-12	Cisco Discovery II
27268	CTE Cisco Discover III	9-12	Endorsement	27268	9-12	Cisco Discovery III
27269	CTE Cisco Discovery IV	9-12	Endorsement	27269	9-12	Cisco Discovery IV
27299	CTE Special Topics	9-12	Endorsement	27299	9-12	IT Special Topics
27300	CTE Windows XP	9-12	Endorsement	27300	9-12	Windows XP Professional
27310	CTE Windows 2003 Server	9-12	Endorsement	27310	9-12	Windows 2003 Server
27400	CTE Geographic Information System (GIS)	9-12	Endorsement	27400	9-12	Geographic Information System (GIS)
27500	CTE Data Modeling and SQL	9-12	Endorsement	27500	9-12	Data Modeling and SQL

27610	CTE Fundamentals of Nanoscience I	9-12	Endorsement	27610	11-12	Fundamentals of Nanoscience I
27611	CTE Fundamentals of Nanoscience II	9-12	Endorsement	27611	11-12	Fundamentals of Nanoscience II
27620	CTE Alternative Energy and Environment I	9-12	Endorsement	27620	11-12	Alternative Energy & Environment I
27621	CTE Alternative Energy and Environment II	9-12	Endorsement	27621	11-12	Alternative Energy & Environment II
27999	CTE Cooperative Work Experience	9-12	Endorsement	27999	11-12	Cooperative Work Experience

CTE: BASIC SKILLS EDUCATORS

Special Needs

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
28000	CTE Basic Skills Educator	7-12	Endorsement	28009	7-8	CTBS/Special Needs
				28010	9-12	CTBS/Special Needs
				28011	9-12	CTBS/Service Learning

CTE: TEACHER/STUDENT MENTOR

Special Needs

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Preparation</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
29000	CTE Teacher/Student Mentor	7-12	Endorsement	29009	7-8	CTE Teacher/Student Mentor Special Needs
				29010	9-12	CTE Teacher/Student Mentor Special Needs

CTE: CAREER CLUSTERS

Lic Code	License Description	Prep Level	Preparation	Course #	Level	Course Description
37021	Provisional/CTE Architecture & Construction	9-12	Endorsement	37020	9-12	Career Cluster – Architecture & Construction
37020	CTE Architecture & Construction	9-12	Endorsement	37020	9-12	Career Cluster – Architecture & Construction
37031	Provisional/CTE Art, A/V Technology, & Communication	9-12	Endorsement	37030	9-12	Career Cluster – Arts, A/V Technology, & Communication
37030	CTE Arts, A/V Technology, & Communication	9-12	Endorsement	37030	9-12	Career Cluster – Arts, A/V Technology, & Communication
37081	Provisional/ CTE Health Careers	9-12	Endorsement	37080	9-12	Career Cluster—Health Careers
37080	CTE Health Careers	9-12	Endorsement	37080	9-12	Career Cluster—Health Careers
37141	Provisional/ CTE Manufacturing	9-12	Endorsement	37140	9-12	Career Cluster – Manufacturing
37140	CTE Manufacturing	9-12	Endorsement	37140	9-12	Career Cluster – Manufacturing
37171	Provisional/CTE Transportation, Distribution & Logistics	9-12	Endorsement	37171	9-12	Career Cluster – Transportation, Distribution & Logistics

37170 CTE Transportation, Distribution & Logistics
 9-12 Endorsement 37170 9-12 Career Cluster –
 Transportation, Distribution & Logistics

Special Education: AUDIOLOGY (MASTERS)

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19012	Audiology	K-12	Masters	19223		Programs for Students With Hearing Impairments

Special Education: DEAF EDUCATION WITH DOUBLE MAJOR

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19020	Deaf Education	K-12	Major eq	19223	K-12	Programs for Students with Hearing Impairments

Special Education: DEAF EDUCATION CONSULTANT

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19920	Deaf Education Consult	K-12	Major`	00041	K-12	Consult

Special Education: EARLY CHILDHOOD SPECIAL EDUCATION CONSULTANT (Special education major only.)

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19937	ECSE Consultant	B-3	Major	00042	B-3	Consult

Special Education: EARLY CHILDHOOD SPECIAL EDUCATION

With double major in early childhood education

Lic Code	License Description	Prep Level	Degree	Course #	Level	Course Description
19037	ECSE	B-3	Major	19150	B-3	Early Childhood SE
				00042	B-3	Consult

Special Education: EARLY CHILDHOOD RESTRICTED SPECIAL EDUCATION

(Issued to special educators who did not have the early childhood major or endorsement but have taken the Praxis II 10022 test so they could meet the requirement of NCLB/IDEA 04.)

Lic Code	License Description	Prep Level	Degree	Course #	Level	Course Description
50937	ECRSE	B-3	Major/maj eq and Praxis II 10022	19150	B-3	Early Childhood SE

Special Education: ELEMENTARY RESTRICTED SPECIAL EDUCATION

(Issued to special educators who did not have the elementary major or endorsement but have completed the Praxis 10011 and 30522 qso they could meet the requirement of NCLB/IDEA 04.)

Lic Code	License Description	Prep Level	Degree	Course #	Level	Course Description
50915	ERSE	1-6 1-8 K-6 K-8	Major/maj eq and Portfolio	00036		MR Consultant K-12
						and Praxis II 10011 and 30522

Special Education: EMOTIONALLY DISTURBED With double major in elementary education

Lic Code	License Description	Prep Level	Degree	Course #	Level	Course Description
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19640	Emotionally Disturbed	1-8 1-6 K-6 K-8	Major eq		
				00038	K-12 Consult ED
				00088	K-12 Co-teaching
				00089	K-12 Day Treatment Program
				19201	K-12 Programming for Students with ED
				19250	K-12 Programs for Students with Other Health Impairments
				19255	K-12 Autism
				19260	K-12 Traumatic Brain Injury
				19301	K-12 Programs for Students with Physical Disabilities
				19816	AT Accessing Community I
				19817	AT Accessing Community II
				19818	AT Accessing Community III
				19828	AT Daily Living I
				19829	AT Daily Living II
				19830	AT Daily Living III
				19847	AT Daily Living IV
				19848	AT Daily Living V
				19824	AT Health I
				19825	AT Health II
				19826	AT Health III
				19823	AT Health IV
				19827	AT Health V

19812	AT Occupational Ed I
19813	AT Occupational Ed II
19814	AT Occupational Ed III
19811	AT Occupational Ed IV
19815	AT Occupational Ed V
19836	AT Recreation/Leisure I
19837	AT Recreation/Leisure II
19838	AT Recreation/Leisure III

Special Education: EMOTIONALLY DISTURBED
With double major in middle or secondary English education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19540	Emotionally Disturbed	7-12	Major eq			
		5-8				
		9-12		19820	9-12	AT English/Language I
				19821	9-12	AT English/Language II
				19822	9-12	AT English/Language III
				19845	9-12	AT English/Language IV
				19846	9-12	AT English/Language V

Special Education: EMOTIONALLY DISTURBED
With double major in middle or secondary science education

Lic Code	License Description	Prep Level	Degree	Course #	Level	Course Description
19340	Emotionally Disturbed	7-12	Major eq			
		9-12				
		5-8		19849	9-12	AT Science I
				19850	9-12	AT Science II

Special Education: EMOTIONALLY DISTURBED
With double major in middle or secondary social studies education

Lic Code	License Description	Prep Level	Degree	Course #	Level	Course Description
19240	Emotionally Disturbed	5-8	Major eq			
		7-12				
		9-12		19840	9-12	AT Social Studies I
				19841	9-12	AT Social Studies II
				19842	9-12	AT Social Studies III
				19839	9-12	AT Social Studies IV
				19843	9-12	AT Social Studies V

Special Education: EMOTIONALLY DISTURBED
With double major in middle or secondary math education

Lic Code	License Description	Prep Level	Degree	Course #	Level	Course Description
19140	Emotionally Disturbed	5-8	Major eq			
		7-12				
		9-12		19832	9-12	AT Math I
				19833	9-12	AT Math II
				19834	9-12	AT Math III
				19831	9-12	AT Math IV
				19835	9-12	AT Math V

Special Education: EMOTIONALLY DISTURBED
With double major in any other middle or secondary education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19440	Emotionally Disturbed	5-8	Major eq			
		7-12				
		9-12		00038	K-12	Consult ED
		K-12		00088	K-12	Co-teaching
				00089	K-12	Day Treatment Program
				19201	K-12	Programming for Students with ED
				19250	K-12	Programs for Students with Other Health Impairments
				19255	K-12	Autism
				19260	K-12	Traumatic Brain Injury
				19301	K-12	Programs for Students with Physical Disabilities
				19816	9-12	AT Accessing Community I
				19817	9-12	AT Accessing Community II
				19818	9-12	AT Accessing Community III
				19828	9-12	AT Daily Living I
				19829	9-12	AT Daily Living II
				19830	9-12	AT Daily Living III
				19847	9-12	AT Daily Living IV
				19848	9-12	AT Daily Living V

19824	9-12	AT Health I
19825	9-12	AT Health II
19826	9-12	AT Health III
19823	9-12	AT Health IV
19827	9-12	AT Health V
19812	9-12	AT Occupational Ed I
19813	9-12	AT Occupational Ed II
19814	9-12	AT Occupational Ed III
19811	9-12	AT Occupational Ed IV
19815	9-12	AT Occupational Ed V
19836	9-12	AT Recreation/Leisure I
19837	9-12	AT Recreation/Leisure II
19838	9-12	AT Recreation/Leisure III

Special Education: RESTRICTED EMOTIONAL DISTURBED

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19740	RED	K-12	ED only	00089	7-12	Day Treatment

Special Education: GIFTED EDUCATION

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19060	Gifted Education	K-12	Major Eq	19601	K-12	Levels of Service

Special Education: LEARNING DISABILITIES

With double major in elementary education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
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19625	Learning Disabilities	1-8					
		1-6					
		K-6					
		K-8	Major eq	00094	K-12	Resource Room	
				00037	K-12	Consult LD	
				00088	K-12	Co-teaching	
				00089	K-12	Day Treatment Program	
				19110	K-12	Programming for Students with LD	
				19250	K-12	Programs for Students with Other Health Impairments	
				19255	K-12	Autism	
				19260	K-12	Traumatic Brain Injury	
				19301	K-12	Programs for Students with Physical Disabilities	
				19816	9-12	AT Accessing Community I	
				19817	9-12	AT Accessing Community II	
				19818	9-12	AT Accessing Community III	
				19828	9-12	AT Daily Living I	
				19829	9-12	AT Daily Living II	
				19830	9-12	AT Daily Living III	
				19847	9-12	AT Daily Living IV	
				19848	9-12	AT Daily Living V	
				19824	9-12	AT Health I	
				19825	9-12	AT Health II	
				19826	9-12	AT Health III	
				19823	9-12	AT Health IV	
				19827	9-12	AT Health V	

19812	9-12	AT Occupational Ed I
19813	9-12	AT Occupational Ed II
19814	9-12	AT Occupational Ed III
19811	9-12	AT Occupational Ed IV
19815	9-12	AT Occupational Ed V
19836	9-12	AT Recreation/Leisure I
19837	9-12	AT Recreation/Leisure II
19838	9-12	AT Recreation/Leisure III

Special Education: LEARNING DISABILITIES
With double major in middle or secondary English education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19525	Learning Disabilities	7-12	Major eq			
		5-8				
		9-12		19820	9-12	AT English/Language I
				19821	9-12	AT English/Language II
				19822	9-12	AT English/Language III
				19845	9-12	AT English/Language IV
				19846	9-12	AT English/Language V

Special Education: LEARNING DISABILITIES
With double major in middle or secondary science education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19325	Learning Disabilities	7-12	Major eq			
		9-12				

5-8	19849	9-12	AT Science I
	19850	9-12	AT Science II

Special Education: LEARNING DISABILITIES

With double major in middle or secondary social studies education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19225	Learning Disabilities	5-8	Major eq			
		7-12				
		9-12		19840	9-12	AT Social Studies I
				19841	9-12	AT Social Studies II
				19842	9-12	AT Social Studies III
				19839	9-12	AT Social Studies IV
				19843	9-12	AT Social Studies V

Special Education: LEARNING DISABILITIES

With double major in middle or secondary math education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19125	Learning Disabilities	5-8	Major eq			
		7-12				
		9-12		19832	9-12	AT Math I
				19833	9-12	AT Math II
				19834	9-12	AT Math III
				19831	9-12	AT Math IV
				19835	9-12	AT Math V

Special Education: LEARNING DISABILITIES

With double major in any other middle or secondary education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
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19425	Learning Disabilities	5-8 7-12 9-12 K-12	Major eq		
				00037	K-12 Consult LD
				00094	K-12 Resource Room
				00088	K-12 Co-teaching
				00089	K-12 Day Treatment Program
				19110	K-12 Programming for Students with LD
				19250	K-12 Programs for Students with Other Health Impairments
				19255	K-12 Autism
				19260	K-12 Traumatic Brain Injury
				19301	K-12 Programs for Students with Physical Disabilities
				19816	9-12 AT Accessing Community I
				19817	9-12 AT Accessing Community II
				19818	9-12 AT Accessing Community III
				19828	9-12 AT Daily Living I
				19829	9-12 AT Daily Living II
				19830	9-12 AT Daily Living III
				19847	9-12 AT Daily Living IV
				19848	9-12 AT Daily Living V
				19824	9-12 AT Health I
				19825	9-12 AT Health II
				19826	9-12 AT Health III
				19823	9-12 AT Health IV
				19827	9-12 AT Health V

19812	9-12	AT Occupational Ed I
19813	9-12	AT Occupational Ed II
19814	9-12	AT Occupational Ed III
19811	9-12	AT Occupational Ed IV
19815	9-12	AT Occupational Ed V
19836	9-12	AT Recreation/Leisure I
19837	9-12	AT Recreation/Leisure II
19838	9-12	AT Recreation/Leisure III

Special Education: MENTAL RETARDATION
With double major in elementary education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19605	MR/Elementary	1-6 1-8 K-6 K-8	Major eq			
				00036	K-12	Consult MR
				00094	K-12	Resource Room
				19101	K-12	Programming for Students with MR
				19250	K-12	Programs for Students with Other Health Impairments
				19255	K-12	Autism
				19260	K-12	Traumatic Brain Injury
				19301	K-12	Programs for Students with Physical Disabilities
				19816	9-12	AT Accessing Community I

19817	9-12	AT Accessing Community II
19818	9-12	AT Accessing Community III
19828	9-12	AT Daily Living I
19829	9-12	AT Daily Living II
19830	9-12	AT Daily Living III
19847	9-12	AT Daily Living IV
19848	9-12	AT Daily Living V
19824	9-12	AT Health I
19825	9-12	AT Health II
19826	9-12	AT Health III
19823	9-12	AT Health IV
19827	9-12	AT Health V
19812	9-12	AT Occupational Ed I
19813	9-12	AT Occupational Ed II
19814	9-12	AT Occupational Ed III
19811	9-12	AT Occupational Ed IV
19815	9-12	AT Occupational Ed V
19836	9-12	AT Recreation/Leisure I
19837	9-12	AT Recreation/Leisure II
19838	9-12	AT Recreation/Leisure III

Special Education: MENTAL RETARDATION

With double major in middle or secondary English education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19505	Mental Retardation	7-12	Major eq			
		5-8				
		9-12		19820	9-12	AT English/Language I
				19821	9-12	AT English/Language II
				19822	9-12	AT English/Language III

19845	9-12	AT English/Language IV
19846	9-12	AT English/Language V

Special Education: MENTAL RETARDATION
With double major in middle or secondary science education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19305	Mental Retardation	7-12	Major eq			
		9-12				
		5-8				
				19849	9-12	AT Science I
				19850	9-12	AT Science II

Special Education: MENTAL RETARDATION
With double major in middle or secondary social studies education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19205	Mental Retardation	5-8	Major eq			
		7-12				
		9-12				
				19840	9-12	AT Social Studies I
				19841	9-12	AT Social Studies II
				19842	9-12	AT Social Studies III
				19839	9-12	AT Social Studies IV
				19843	9-12	AT Social Studies V

Special Education: MENTAL RETARDATION
With double major in middle or secondary math education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
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19105	Mental Retardation	5-8	Major eq			
		7-12				
		9-12		19832	9-12	AT Math I
				19833	9-12	AT Math II
				19834	9-12	AT Math III
				19831	9-12	AT Math IV
				19835	9-12	AT Math V

Special Education: MENTAL RETARDATION
With double major in any other middle or secondary education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19405	Mental Retardation	5-8	Major eq			
		7-12				
		9-12		00036	K-12	Consult MR
		K-12		00094	K-12	Resource Room
				19101	K-12	Programming for Students with MR
				19250	K-12	Programs for Students with Other Health Impairments
				19255	K-12	Autism
				19260	K-12	Traumatic Brain Injury
				19301	K-12	Programs for Students with Physical Disabilities
				19816	9-12	AT Accessing Community I
				19817	9-12	AT Accessing Community II
				19818	9-12	AT Accessing Community III
				19828	9-12	AT Daily Living I

19829	9-12	AT Daily Living II
19830	9-12	AT Daily Living III
19847	9-12	AT Daily Living IV
19848	9-12	AT Daily Living V
19824	9-12	AT Health I
19825	9-12	AT Health II
19826	9-12	AT Health III
19823	9-12	AT Health IV
19827	9-12	AT Health V
19812	9-12	AT Occupational Ed I
19813	9-12	AT Occupational Ed II
19814	9-12	AT Occupational Ed III
19811	9-12	AT Occupational Ed IV
19815	9-12	AT Occupational Ed V
19836	9-12	AT Recreation/Leisure I
19837	9-12	AT Recreation/Leisure II
19838	9-12	AT Recreation/Leisure III

Special Education: MENTAL RETARDATION CONSULTANT

(License issued to candidate with only special education major.)

Lic Code	License Description	Prep Level	Degree	Course #	Level	Course Description
19006	Mental Retardation Restricted	K-12	Major eq	00036	MR Consultant	K-12

Special Education: SPEECH LANGUAGE PATHOLOGY

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19007	Speech Language Pathology	K-12	Masters	19212		Programs for Students With Speech/Language Impairments
				19844	9-12	Alternative Language Systems

Special Education: SPEECH PATHOLOGY & AUDIOLOGY (MASTERS)

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19010	Speech Pathology & Audiology	K-12	Masters	19212		Programs for Students With Speech/Language Impairments
				19844	9-12	Alternative Language Systems

Special Education: STRATEGIST **With double major in elementary education**

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19655	Strategist	1-8	Major eq			
		1-6				
		K-6				
		K-8		00036	K-12	Consult MR
				00037	K-12	Consult LD
				00038	K-12	Consult ED
				00094	K-12	Resource Room
				00088	K-12	Co-teaching
				00089	K-12	Day Treatment Program
				19201	K-12	Programming for Students with ED

19101	K-12	Programming for Students with MR
19110	K-12	Programming for Students with LD
19250	K-12	Programs for Students with Other Health Impairments
19255	K-12	Autism
19260	K-12	Traumatic Brain Injury
19301	K-12	Programs for Students with Physical Disabilities
19816	AT	Accessing Community I
19817	AT	Accessing Community II
19818	AT	Accessing Community III
19828	AT	Daily Living I
19829	AT	Daily Living II
19830	AT	Daily Living III
19847	AT	Daily Living IV
19848	AT	Daily Living V
19824	AT	Health I
19825	AT	Health II
19826	AT	Health III
19823	AT	Health IV
19827	AT	Health V
19812	AT	Occupational Ed I
19813	AT	Occupational Ed II
19814	AT	Occupational Ed III
19811	AT	Occupational Ed IV

19815	AT Occupational Ed V
19836	AT Recreation/Leisure I
19837	AT Recreation/Leisure II
19838	AT Recreation/Leisure III

Special Education: STRATEGIST

With double major in middle or secondary English education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19555	Strategist	9-12	Major eq			
		5-8				
		7-12		19820	9-12	AT English/Language I
				19821	9-12	AT English/Language II
				19822	9-12	AT English/Language III
				19845	9-12	AT English/Language IV
				19846	9-12	AT English/Language V

Special Education: STRATEGIST

With double major in middle or secondary science education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19355	Strategist	9-12	Major eq			
		5-8				
		7-12		19849	9-12	AT Science I
				19850	9-12	AT Science II

Special Education: STRATEGIST

With double major in middle or secondary social science education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19255	Strategist	5-8 9-12 7-12	Major eq			
				19840	9-12	AT Social Studies I
				19841	9-12	AT Social Studies II
				19842	9-12	AT Social Studies III
				19839	9-12	AT Social Studies IV
				19843	9-12	AT Social Studies V

Special Education: STRATEGIST

With double major in middle or secondary math education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19155	Strategist	9-12 5-8 7-12	Major eq			
				19832	9-12	AT Math I
				19833	9-12	AT Math II
				19834	9-12	AT Math III
				19831	9-12	AT Math IV
				19835	9-12	AT Math V

Special Education: STRATEGIST

With double major in any other middle or secondary education

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19455	Strategist	9-12	Major eq			

5-8
K-12
7-12

00036	K-12	Consult MR
00037	K-12	Consult LD
00038	K-12	Consult ED
00094	K-12	Resource Room
00088	K-12	Co-teaching
00089	K-12	Day Treatment Program
19101	K-12	Programming for Students with MR
19201	K-12	Programming for Students with ED
19110	K-12	Programming for Students with LD
19250	K-12	Programs for Students with Other Health Impairments
19255	K-12	Autism
19260	K-12	Traumatic Brain Injury
19301	K-12	Programs for Students with Physical Disabilities
19816	9-12	AT Accessing Community I
19817	9-12	AT Accessing Community II
19818	9-12	AT Accessing Community III
19828	9-12	AT Daily Living I
19829	9-12	AT Daily Living II
19830	9-12	AT Daily Living III
19847	9-12	AT Daily Living IV
19848	9-12	AT Daily Living V
19824	9-12	AT Health I

19825	9-12	AT Health II
19826	9-12	AT Health III
19823	9-12	AT Health IV
19827	9-12	AT Health V
19812	9-12	AT Occupational Ed I
19813	9-12	AT Occupational Ed II
19814	9-12	AT Occupational Ed III
19811	9-12	AT Occupational Ed IV
19815	9-12	AT Occupational Ed V
19836	9-12	AT Recreation/Leisure I
19837	9-12	AT Recreation/Leisure II
19838	9-12	AT Recreation/Leisure III

Special Education: PHYSICAL AND HEALTH DISABILITIES

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19065	Physical & Health Disabilities	K-12	Major eq	19301	K-12	Programs for Students with Physical Disabilities

Special Education: RESOURCE ROOM

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19094	Resource Room	K-12	ED or LD	00089	7-12	Day Treatment

Special Education: SCHOOL PSYCHOLOGISTS

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50080	School Psychologist	K-12	Masters	00035	K-12	
<i>*requires completion of a master's degree in school psychology from a national association of school psychology-accredited institution.</i>						

Special Education: VISUALLY IMPAIRED WITH DOUBLE MAJOR

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19045	Visually Impaired	K-12		19245	K-12	Programs for Students with VI
				19246	K-12	VI Expanded Core Curriculum

Special Education: VISUALLY IMPAIRED EDUCATION CONSULTANT

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
19945	VI Consultant	K-12	Major eq	00039	K-12	Consult

Advanced Programs: GUIDANCE/COUNSELING

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50020	Guidance/Counseling	1-6	Masters			
		1-8				
		K-6				
		K-8				
		7-12				
		K-12				

Advanced Programs: EDUCATIONAL LEADERSHIP

<u>(Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50045	Educational Leadership	K-6	Masters			
		1-6				

K-8
1-8
5-8
7-12
K-12

Advanced Programs: LIBRARY

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50065	Library	K-6	Master/maj/minor			
		1-6				
		K-8				
		9-12				
		K-12				
		1-8				
		5-8				
		7-12				

ADVANCED PROFESSIONAL EDUCATION PROGRAM

<u>Lic Code</u>	<u>License Description</u>	<u>Prep Level</u>	<u>Degree</u>	<u>Course #</u>	<u>Level</u>	<u>Course Description</u>
50081	Advanced Professional	1-6				
	Education Program	1-8				
		K-6				
		K-8				
		5-8				
		7-12				
		9-12				
		K-12	Masters Specialist Doctorate			Will depend upon advanced degree.

